

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: April 24, 2002, 23:28:37 : Search time 116.53 Seconds
(without alignments)
2658 731 Million cell updates/sec

Title: US-09-525-998A-1

Perfect score: 1368

Sequence: 1 atgggctctccacgctacc.....cgccagctttctccatgta 1368

Scoring table: IDENTITY_NWC

Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702405

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA *

- 1: /cgn2/seqs/data/2/ina/cna_00mp_seq.*
- 2: /cgn2/seqs/data/2/ina/cna_00mp_seq.*
- 3: /cgn2/seqs/data/2/ina/cna_00mb_seq.*
- 4: /cgn2/seqs/data/2/ina/cna_00mb_seq.*
- 5: /cgn2/seqs/data/2/ina/cna_00mb_seq.*
- 6: /cgn2/seqs/data/2/ina/backfile1_seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No	Score	Query Match	Length	ID	Description
1	1366.4	99.9	2161	3 US-09-106-038A-1	Sequence 1, Appl
2	1366.4	99.9	2175	1 US-08-321-668-1	Sequence 1, Appl
3	1366.4	99.9	2175	1 US-08-321-668-1	Sequence 1, Appl
4	1366.4	99.9	2175	1 US-08-321-668-1	Sequence 1, Appl
5	1360	99.4	2042	1 US-08-050-3198-4	Sequence 24, Appl
6	1360	99.4	2042	2 US-08-465-982-4	Sequence 24, Appl
7	690.4	50.5	1956	2 US-08-762-308-10	Sequence 10, Appl
8	632.9	46.3	6896	2 US-08-627-151A-6	Sequence 6, Appl
9	632.4	46.2	6899	1 US-08-586-743-2	Sequence 2, Appl
10	632.4	46.2	6899	5 US-08-586-743-2	Sequence 2, Appl
11	593.6	43.4	600	1 US-08-050-3198-4	Sequence 47, Appl
12	593.6	43.4	600	2 US-08-465-982-47	Sequence 47, Appl
13	515.4	37.7	1478	4 US-08-149-922-6	Sequence 6, Appl
14	514	37.6	1301	4 US-08-804-166-7	Sequence 7, Appl
15	514	37.6	1301	4 US-08-910-991-7	Sequence 7, Appl
16	506	37.0	1147	4 US-08-804-166-5	Sequence 5, Appl
17	506	37.0	1147	4 US-08-910-991-5	Sequence 5, Appl
18	501.4	36.7	504	1 US-08-050-3198-56	Sequence 56, Appl
19	501.4	36.7	504	2 US-08-465-982-56	Sequence 56, Appl
20	499.4	36.5	501	1 US-08-050-3198-1	Sequence 1, Appl
21	499.4	36.5	501	2 US-08-465-982-1	Sequence 1, Appl
22	483	35.3	483	4 US-08-326-394-1	Sequence 1, Appl
23	424.4	31.0	1049	4 US-08-804-166-1	Sequence 1, Appl
24	424.4	31.0	1049	4 US-08-910-991-1	Sequence 1, Appl
25	424.4	31.0	1202	4 US-08-804-166-3	Sequence 3, Appl
26	424.4	31.0	1202	4 US-08-910-991-3	Sequence 3, Appl
27	376.2	27.5	477	1 US-08-050-3198-53	Sequence 53, Appl

28	376.2	27.5	477	2 US-08-465-982-53	Sequence 53, Appl
29	372	27.2	372	1 US-08-050-3198-3	Sequence 3, Appl
30	372	27.2	372	2 US-08-465-982-3	Sequence 3, Appl
31	357.2	26.1	474	1 US-08-050-3198-49	Sequence 49, Appl
32	357.2	26.1	474	2 US-08-465-982-49	Sequence 49, Appl
33	310.8	22.7	462	1 US-08-050-3198-51	Sequence 51, Appl
34	310.8	22.7	462	2 US-08-465-982-51	Sequence 51, Appl
35	70	5.1	1783	3 US-08-815-463-1	Sequence 1, Appl
36	66.8	4.9	1254	3 US-08-815-463-3	Sequence 3, Appl
37	63	3.6	7319	1 US-08-322-463-14	Sequence 14, Appl
38	45	3.3	13987	2 US-08-804-227-73	Sequence 13, Appl
39	45	3.3	44377	2 US-08-804-227-73	Sequence 13, Appl
40	45	3.3	44377	2 US-08-804-198-1	Sequence 7, Appl
41	44.8	3.2	1164	1 US-07-640-476-4	Sequence 6, Appl
42	43.9	3.2	9960	3 US-08-922-586-49	Sequence 46, Appl
43	43.4	3.2	4267	4 US-08-949-115-51	Sequence 51, Appl
44	43	3.1	1689	4 US-09-311-924-1	Sequence 1, Appl
45	42.8	3.1	1029	3 US-08-911-853-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-09-106-038A-1
Sequence 1, Application US/99/0608A
Patent No. 5007995
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Lex M. Gussert
TITLE OF INVENTION: ARTS/SENSE MODULATION OF INPR
FIELD OF INVENTION: EXAMINATION
REFERENCES: 91
AGENTS: MENTZ Associates
ADDRESS: 1045 Fairview Avenue
CITY: Carlshad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008
COMPUTER REAMABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 51A
AGENCY/AGENCY INFORMATION:
NAME: Laurel Speer Biotech
REGISTRATION NUMBER: 971289
REFERENCE/KEY NUMBER: R15 0004
TELEPHONE: 3760 941 4206
FAX: 3760 603 4820
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2161
TYPE: nucleic acid
STRANDNESS: single
TOPLOGY: linear
US-09-106-038A-1

Query Match	99.9%	Score 1966.1	EB 7	Length 2161
Best local similarity	99.9%	Prod. No. 0		
Matches 1367	Classification 0	Mismatches 1	Indels 9	Gaps 0
Q7	1 atgggctctccacgctacc.....cgccagctttctccatgta 60			
EB	264 AAGGCTCTCCACGCTACC.....CGCCAGCTTTCTCCATGTA 315			
Q7	41 3 atgggctctccacgctacc.....cgccagctttctccatgta 120			

? TYPE: DNA
 ? ORGANISM: Escherichia coli
 ? FEATURE:
 ? NAME/KEY: modified_base
 ? LOCATION: 58
 ? OTHER INFORMATION: n-a, c, g, or t
 ? FEATURE:
 ? NAME/KEY: modified_base
 ? LOCATION: 105
 ? OTHER INFORMATION: n-a, c, g, or t
 ? US-09-149-922-6

Query Match 37.7%; Score 515.4; DB 4; Length 1478;
 Best Local Similarity 99.8%; Pred. No. 2.7e-114;
 Matches 516; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 117 gtagagatgtgtgtcccccaggaagaataatataccacccctcaaaataattgattgtctg 176
 DB 937 gacagatagtgtgtcccccaggaagaataatataccacccctcaaaataattgattgtctg 996
 QY 177 taccaaatgccacaaagaaacactacttgcacaaatgactgacagaccgaggaagaaac 236
 DB 997 taccaaatgccacaaagaaacactacttgcacaaatgactgacagaccgaggaagaaac 1056
 QY 237 ggaactacaggaagtgtgagagaggtctcttcaacgcttcadaaaacacactcaacactg 296
 DB 1057 ggaactacaggaagtgtgagagaggtctcttcaacgcttcadaaaacacactcaacactg 1116
 QY 297 cctcaactgctccaatgccaaaggaatgagtcagatgagatctcttcttgcacagt 356
 DB 1117 cctcaactgctccaatgccaaaggaatgagtcagatgagatctcttcttgcacagt 1176
 QY 457 ggaag 416
 DB 1177 ggaag 1236
 QY 417 ccttctcagtgctcaattgcaagctctgctctcaatgagagagagagagagagagagag 476
 DB 1237 ccttctcagtgctcaattgcaagctctgctctcaatgagagagagagagagagagagag 1296
 QY 477 ggaag 536
 DB 1297 ggaag 1356
 QY 537 tctctctatgataactgaaagaaagagagagagagagagagagagagagagagagagag 596
 DB 1357 tctctctgtaactgtgaagaaagagagagagagagagagagagagagagagagagagag 1416
 QY 597 tgagaatgttaagggag 633
 DB 1417 tgagaatgttaagggag 1453

RESULT 14
 US-08-804-166-7
 ? Sequence 7, Application US/08804166
 ? Patent No. 6193972
 ? GENERAL INFORMATION:
 ? APPLICANT: Campbell, Robert K.
 ? APPLICANT: Jameson, Bradford A.
 ? APPLICANT: Chappel, Scott C.
 ? TITLE OF INVENTION: HYBRID PROTEINS
 ? NUMBER OF SEQUENCES: 22
 ? CORRESPONDENCE ADDRESS:
 ? ADDRESSEE: BROWDY AND NEWMARK
 ? STREET: 419 Seventh Street N.W., Ste. 300
 ? CITY: Washington
 ? STATE: D.C.
 ? COUNTRY: USA
 ? ZIP: 22207
 ? COMPUTER READABLE FORM: Floppy disk
 ? MEDIUM TYPE:

? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: PatentIn Release #1.0, Version #1.30
 ? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: US/08/804.166
 ? FILING DATE:
 ? CLASSIFICATION:
 ? PRIOR APPLICATION DATA:
 ? APPLICATION NUMBER: 60/011,936
 ? FILING DATE: 20 February 1996
 ? CLASSIFICATION:
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Browdy, Roger L.
 ? REGISTRATION NUMBER: 25,618
 ? REFERENCE/DOCKET NUMBER: CAMPBELL-2A
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: (202) 628-5197
 ? TELEFAX: (202) 737 3528
 ? INFORMATION FOR SEQ ID NO: 7:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 1301 base pairs
 ? TYPE: nucleic acid
 ? STRANDEDNESS: single
 ? TOPOLOGY: linear
 ? MOLECULE TYPE: cDNA
 ? FEATURE:
 ? NAME/KEY: CDS
 ? LOCATION: 279..1387
 ? US-08-804-166-7

Query Match 37.6%; Score 514; DB 4; Length 1301;
 Best Local Similarity 100.0%; Pred. No. 5.6e-114;
 Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 121 gtagatgtgtgtcccccaggaagaataatataccacccctcaaaataattgattgtctac 180
 DB 345 GATAGTGtGTGTGCCCCAGGAAATATATCCACCCCTCAAAATAATTCGATTTCGTGACC 404
 QY 181 gtagatgtgtgtcccccaggaagaataatataccacccctcaaaataattgattgtctac 240
 DB 405 AACGTGTAATAAGGAAACCTACCTGTAATAAGGAAACCTGTAATAAGGAAACCTGTA 464
 QY 241 gtagatgtgtgtcccccaggaagaataatataccacccctcaaaataattgattgtctac 300
 DB 465 TATAGGAAATATAGGAAACCTGTAATAAGGAAACCTGTAATAAGGAAACCTGTA 524
 QY 301 gtagatgtgtgtcccccaggaagaataatataccacccctcaaaataattgattgtctac 360
 DB 525 ACCGTGTAATAAGGAAACCTGTAATAAGGAAACCTGTAATAAGGAAACCTGTA 584
 QY 361 gtagatgtgtgtcccccaggaagaataatataccacccctcaaaataattgattgtctac 420
 DB 585 CGCGACACGTGTGTCGGCTGCGAGGAAACCTGTAATAAGGAAACCTGTAATAAGGAAACCT 644
 QY 421 ttagatgtgtgtcccccaggaagaataatataccacccctcaaaataattgattgtctac 480
 DB 645 TTCCAGTGTGTATATGAGGAAACCTGTAATAAGGAAACCTGTAATAAGGAAACCTGTA 704
 QY 481 aacagaaacacgtgtgtcccccaggaagaataatataccacccctcaaaataattgattgtctac 540
 DB 705 AAACAGAAACACGTGTGTCGGCTGCGAGGAAACCTGTAATAAGGAAACCTGTAATAAGGAA 764
 QY 541 ttagatgtgtgtcccccaggaagaataatataccacccctcaaaataattgattgtctac 600
 DB 765 TCCGTGTAATAAGGAAACCTGTAATAAGGAAACCTGTAATAAGGAAACCTGTAATAAGGAA 824
 QY 601 aatgttaagggag 634
 DB 825 AATGTTAAGGGGACTGAGGACTGAGGACTGAGGACTGAGGACTGAGGACTGAGGACTGAG 858

RESULT 15

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US-08-910-991-7
: Sequence 7, Application US/08/910991
: Patent No. 619477
: GENERAL INFORMATION:
: APPLICANT: Campbell, Robert K.
: APPLICANT: Jameson, Bradford A.
: APPLICANT: Chappel, Scott C.
: TITLE OF INVENTION: HYBRID PROTEINS
: NUMBER OF SEQUENCES: 22
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: BROWLY AND NEIMARK
: STREET: 419 Seventh Street N.W., Ste. 300
: CITY: Washington
: STATE: D.C.
: COUNTRY: USA
: ZIP: 22207
: COMPUTER READABLE FORM:
: MEDIUM TYPE: floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.0.91
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/910,991
: FILING DATE:
: CLASSIFICATION: 530
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/904,166
: FILING DATE: 20 February 1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/011,936
: FILING DATE: 20 February 1996
: ATTORNEY/AGENT INFORMATION:
: NAME: YUN, Allen C.
: REGISTRATION NUMBER: 37,971
: REFERENCE/DOCKET NUMBER: CAMPBELL-2B
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (202) 628-5197
: TELEFAX: (202) 737-3528
: INFORMATION FOR SEQ ID NO: 7:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1301 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 279..1247
: US-08-910-991-7

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Query Match      37.6%  Score 514:  DB 4:  Length 1301:
Best Local Similarity 100.0%:  Pred. No. 5,60-114:
Matches 514:  Conservative 0:  Mismatches 0:  Indels 0:  Gaps 0:

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Db 345 GATAGTGTGTGTCGCCAAGGAAAAATATAGCAACCTCAAAATAATTCGATTCGTACC 404
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QY 181 aaatgcccaaaagaaaccactatatacaatgaactctccagagccctggagagatacaaac 240
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Db 405 AAGTGGTCAAAAGGAAAGTATTGTGAATAATGATGTCAGTGGAGGAGAGGATAGGAC 464
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QY 241 tgcagagaaattgtgaataagagagctctccacagcttcagaaaaacaaactcagagaaactgc 300
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Db 465 TGCAGGAAATGTGTAAGAGGGGTGTGTCAGGAGTTCAGAAAAAGCACTCAGAGATGTGGTC 524
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QY 301 agctactctcaaatgcacaaagaaataatgaatgcagatgaataatctctctgaagaaatgaac 360
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Db 525 AGCTGCTCCAAATGCCCAAGAACAAAATGGGTGAGGTGGACATCTCTCTGTGCACAGTGGAC 584
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QY 361 cgggctacacgtatgattctgctgacaaataaataatgacagagataatgaaatgaagaactt 420

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[illegible]

Search completed: April 24, 2002, 05:16:55
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